



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

September 6, 2019

Pamela B. Cowan
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and Chief Operating Officer
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SUBJECT: ELECTRICAL EQUIPMENT HARVESTING FROM OYSTER CREEK NUCLEAR
GENERATING STATION

Ms. Cowan:

The purpose of this letter is to follow up on the communication dated May 31, 2019, Agencywide Documents Access and Management System (ADAMS) Accession No. ML19148A607, regarding electrical equipment harvesting from Oyster Creek Nuclear Generating Station (Oyster Creek). As stated in the May 31st letter, the U.S. Nuclear Regulatory Commission (NRC) staff in the Office of Nuclear Regulatory Research (RES) is conducting a research program to study the hazards of high energy arcing faults (HEAFs) in nuclear power plants. The NRC staff is reaching out to nuclear power plants that are in the process of decommissioning to ask if the facility has specific safety and non-safety related equipment that could be made available for NRC retrieval for this important NRC research program.

On July 30, 2019, NRC staff from RES visited Oyster Creek to evaluate the suitability of equipment for potential harvesting. The NRC staff is confirming our interest in obtaining the following equipment:

- 4160 Volt GE Magne-Blast Type AM Switchgear; including breakers
- 460 Volt GE AK Series Switchgear; including breakers

During the site visit, NRC staff identified additional equipment that would assist in research programs to study ventilation-limited combustion in electrical enclosures. The NRC staff is confirming our interest in obtaining the following equipment as well:

- Stator Cooling Conductivity System Cabinets (located in Turbine Basement South)
- Main Condenser Condensate Conductivity (PNL-421-001)
- Two side-by-side cabinets marked "Abandoned In Place" (located in Turbine Basement South)

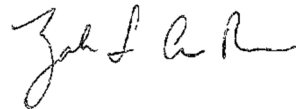
The NRC staff requests a cost estimate for removal and preparation of the equipment for shipment to the BSI Electrical Contractors company located in Montgomeryville, PA. The NRC staff can arrange for the transportation and storage of this equipment at any time. The licensee

is expected to certify the equipment is not radiologically contaminated prior to packaging and shipment of the equipment.

Please respond to me regarding whether Oyster Creek can support this study by providing specific electric equipment when it becomes available. If you have any questions about this request, please contact me at (301) 415-3808 or Zahira.Cruz@nrc.gov.

In accordance with the title 10 *Code of Federal Regulation* (10 CFR) 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this email will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of ADAMS. ADAMS is accessible from the NRC website at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,



Zahira Cruz Perez, Project Manager
Reactor Decommissioning Branch
Division of Decommissioning, Uranium Recovery
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket: 50-219
License No.: DPR-16

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ADAMS Accession No. ML19241A487

*via email

OFFICE	DUWP	DUWP	DUWP	RES	DUWP
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DATE	8/29/19	9/4/19	9/6/19	9/6/19	9/6/19

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